

RESEARCH, DEVELOPMENT & TECHNOLOGY TRANSFER QUARTERLY PROGRESS REPORT

Wisconsin Department of Transportation
DT1241 02/2011

INSTRUCTIONS:

Research project investigators and/or project managers should complete a quarterly progress report (QPR) for each calendar quarter during which the projects are active.

WisDOT research program category: <input type="checkbox"/> Policy research <input type="checkbox"/> Other <input checked="" type="checkbox"/> Wisconsin Highway Research Program <input type="checkbox"/> Pooled fund TPF#		Report period year: 2013 <input type="checkbox"/> Quarter 1 (Jan 1 – Mar 31) <input type="checkbox"/> Quarter 2 (Apr 1 – Jun 30) <input type="checkbox"/> Quarter 3 (Jul 1 – Sep 30) <input checked="" type="checkbox"/> Quarter 4 (Oct 1 – Dec 31)
Project title: Evaluation of Thin Polymer Deck Overlays and Deck Sealers		
Project investigator: Habib Tabatabai	Phone: 414-229-51266	E-mail: ht@uwm.edu
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WisDOT contact: Kimberley Dinkins	Phone: (608) 267-2828	E-mail: KimberleyR.Dinkins@dot.wi.gov
WisDOT project ID: 0092-12-06	Other project ID:	Project start date: 9/1/2011
Original end date: 8/31/2014	Current end date: 8/31/2014	Number of extensions: 0

Project schedule status:

☐ On schedule ☐ On revised schedule ☐ Ahead of schedule ☒ Behind schedule

Project budget status:

Total Project Budget	Expenditures Current Quarter	Total Expenditures	% Funds Expended	% Work Completed
\$166,992.00	(\$1,329.00)	\$126,721.00	76%	74%

Project description: This project explores the waterproofing capabilities, durability, and additional benefits of utilizing thin polymer overlays on bridge decks in Wisconsin. In this research we will compare performance of thin polymer overlays with each other and with new and emerging technologies to determine the optimal bridge deck maintenance strategy to be employed by WisDOT.

Progress this quarter (includes meetings, work plan status, contract status, significant progress, etc.): Accelerated corrosion, freeze-thaw, and heat/rain tests were initiated and are continuing. Equipment maintenance and repairs were performed and the testing resumed.

Anticipated work next quarter:




The exposure tests and monitoring will continue.

Circumstances affecting project or budget:

We are about 2 months behind schedule due to additional time taken to design and build test fixtures. However, we expect to be able to recover this time during the remainder of the project.

Attach / insert Gantt chart and other project documentation

Year	2011				2012												2013												2014																							
Month	0	1	1	1	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0																		
Task 1																																																				
Task 2																																																				
Task 3									R				E																																							
Task 4																																																				
Task 5																																													R				E			

 Original Plan
 Revised – Panel meeting of 2/29/2012
 Work Performed

R Submittal of draft report
F Submittal of final report

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Staff receiving QPR: K. Dinkins	Date received: 1/8/14
Staff approving QPR:	Date approved: